

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
 Data File : BF126107.D
 Acq On : 10 Nov 2021 14:56
 Operator : JU/CG
 Sample : M4595-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CMC-ICS-001-002

Quant Time: Nov 11 09:28:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

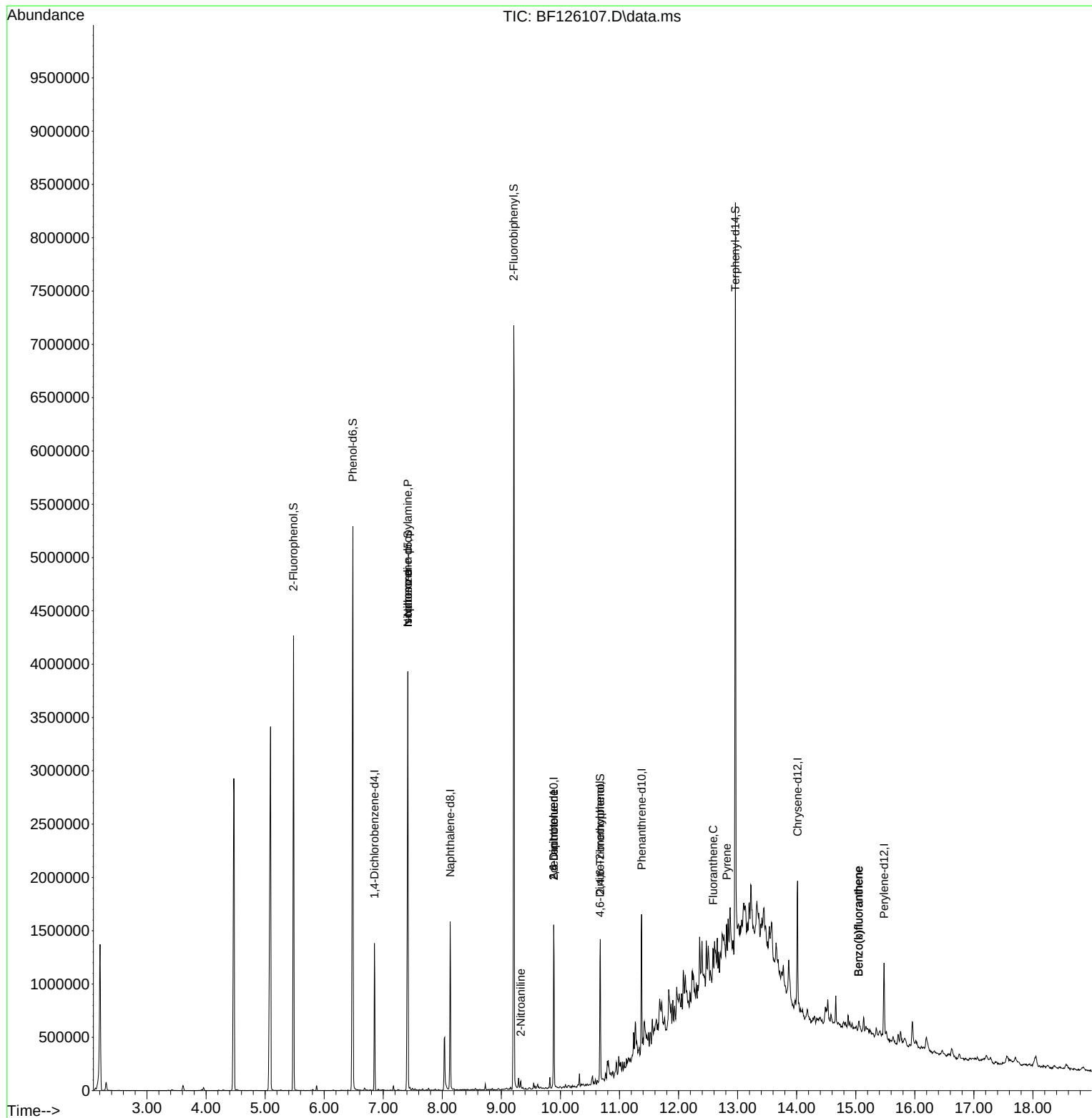
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	177240	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	614650	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	307108	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	470178	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	402744	20.000	ng	# 0.00
86) Perylene-d12	15.480	264	324658	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	929358	90.046	ng	0.02
7) Phenol-d6	6.487	99	1629481	111.998	ng	0.00
23) Nitrobenzene-d5	7.416	82	1301235	99.840	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	148273	42.129	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2313849	101.816	ng	0.00
79) Terphenyl-d14	12.963	244	2024968	81.078	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.398	77	612	Below Cal	#	68
19) n-Nitroso-di-n-propyla...	7.416	70	186299	19.423	ng	# 61
25) Isophorone	7.416	82	1293617	55.128	ng	# 59
48) 2-Nitroaniline	9.328	65	1018	3.006	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	39671	10.351	ng	# 28
57) 2,4-Dinitrotoluene	9.886	165	39671	9.877	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.669	198	288	8.422	ng	# 1
75) Fluoranthene	12.586	202	70634	2.488	ng	91
78) Pyrene	12.816	202	75871	2.349	ng	97
88) Benzo(b)fluoranthene	15.051	252	48467	2.295	ng	# 80
89) Benzo(k)fluoranthene	15.051	252	48467	2.366	ng	# 81

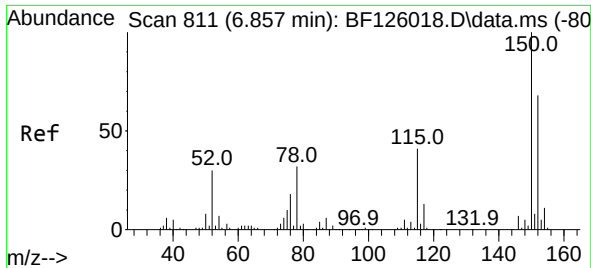
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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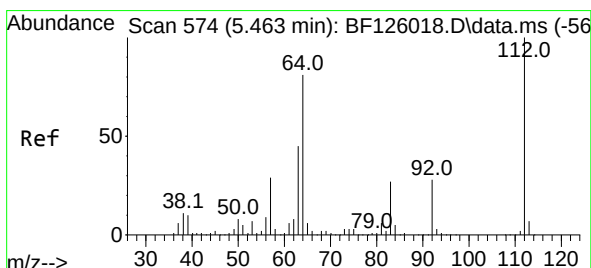
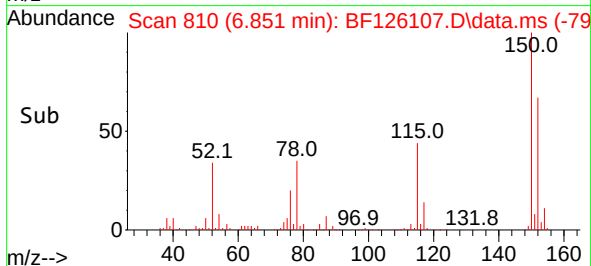
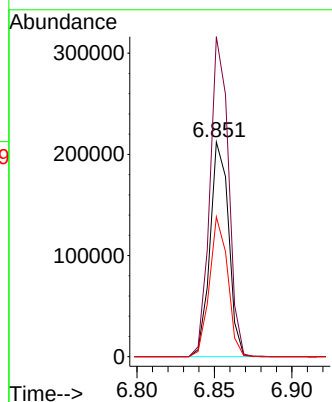
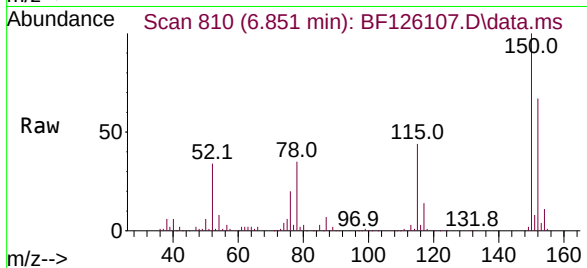




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126107.D
Acq: 10 Nov 2021 14:56

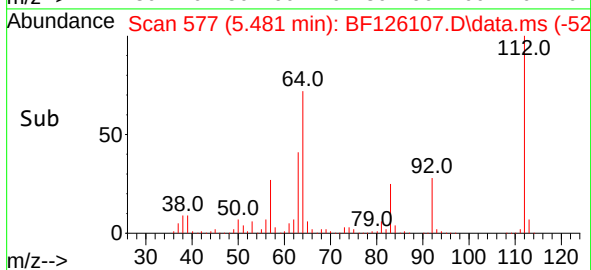
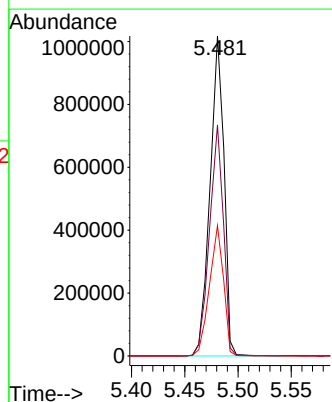
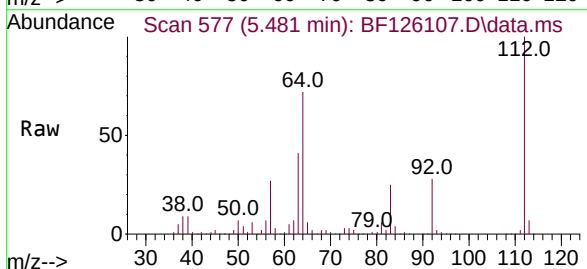
Instrument :
BNA_F
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CMC-ICS-001-002

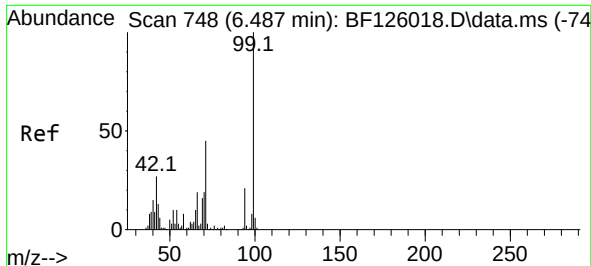
Tgt Ion:152 Resp: 177240
Ion Ratio Lower Upper
152 100
150 149.0 117.6 176.4
115 65.1 47.1 70.7



#5
2-Fluorophenol
Concen: 90.046 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF126107.D
Acq: 10 Nov 2021 14:56

Tgt Ion:112 Resp: 929358
Ion Ratio Lower Upper
112 100
64 72.2 44.2 66.2#
63 40.7 26.2 39.2#

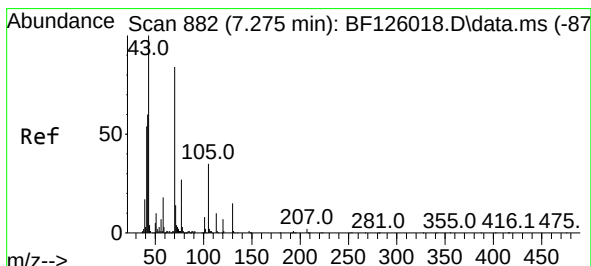
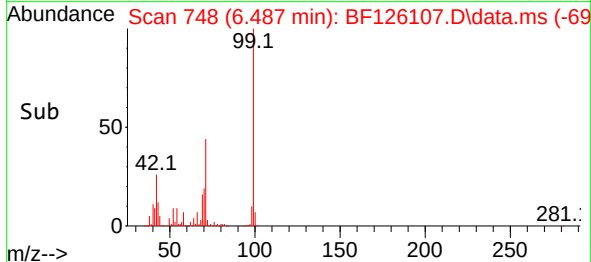
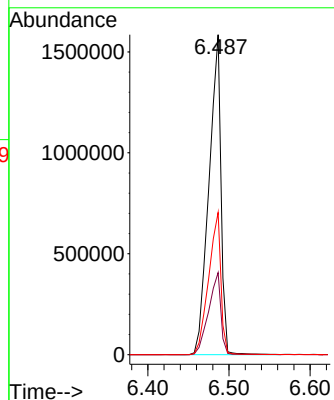
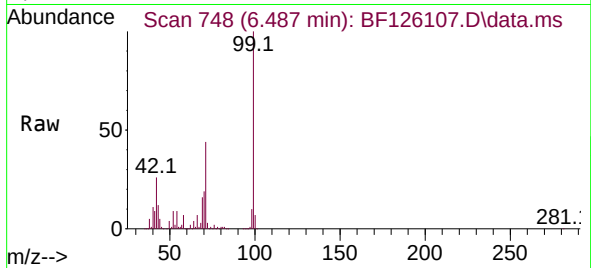




#7
Phenol-d6
Concen: 111.998 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF126107.D
Acq: 10 Nov 2021 14:56

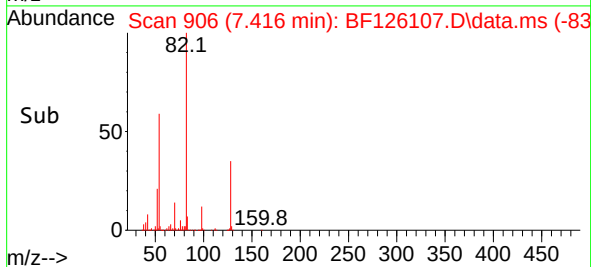
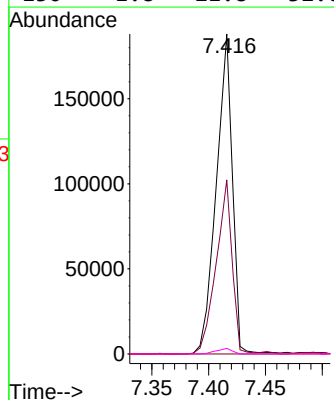
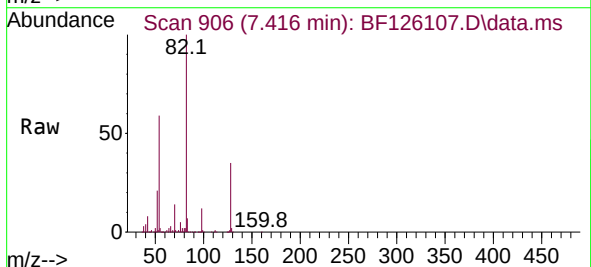
Instrument :
BNA_F
ClientSampleId :
CMC-ICS-001-002

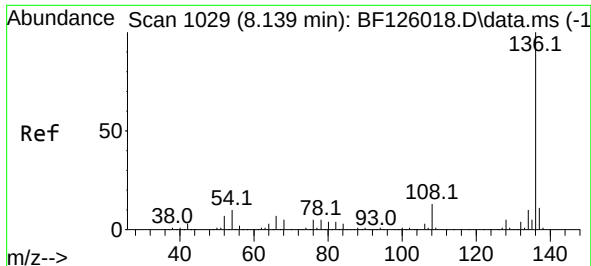
Tgt Ion: 99 Resp: 1629481
Ion Ratio Lower Upper
99 100
42 25.7 23.5 35.3
71 44.4 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 19.423 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF126107.D
Acq: 10 Nov 2021 14:56

Tgt Ion: 70 Resp: 186299
Ion Ratio Lower Upper
70 100
42 54.4 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#

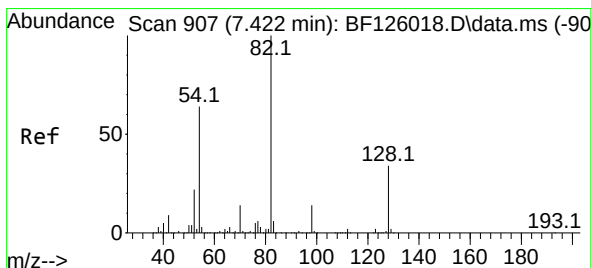
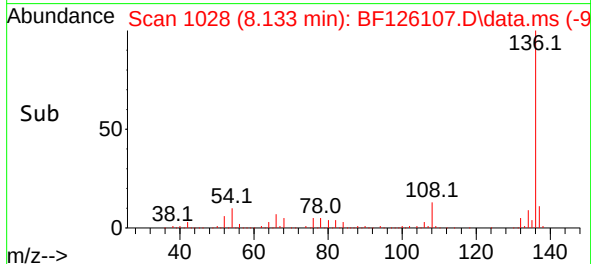
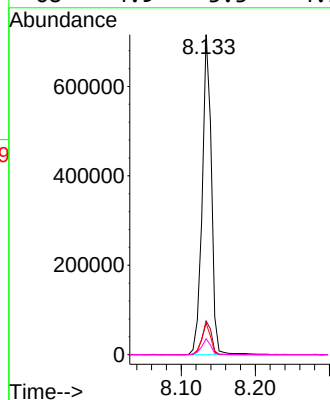
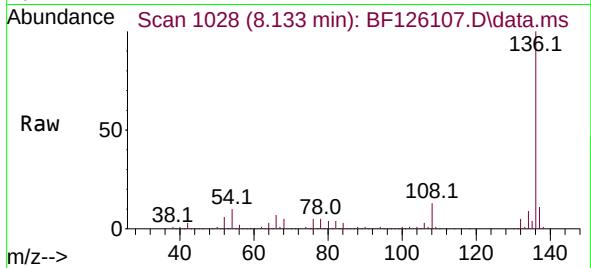




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1029
Delta R.T. -0.005 min
Lab File: BF126107.D
Acq: 10 Nov 2021 14:56

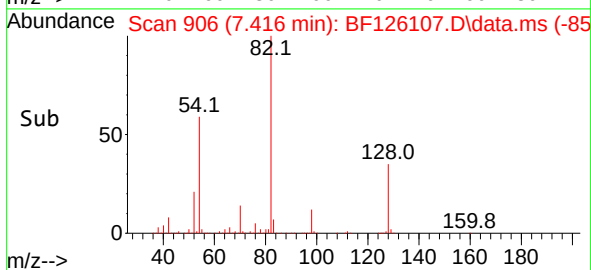
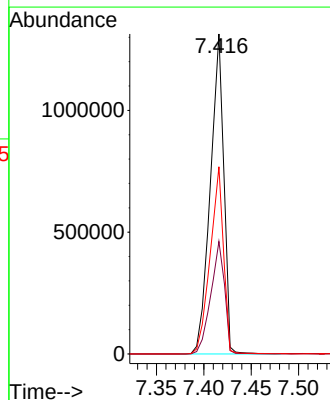
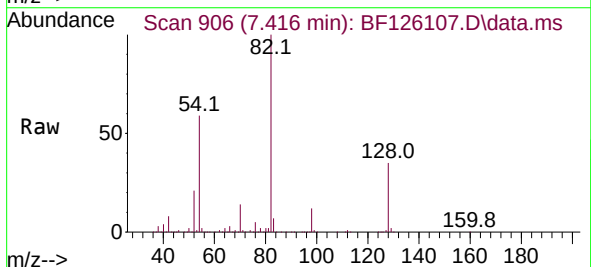
Instrument :
BNA_F
ClientSampleId :
CMC-ICS-001-002

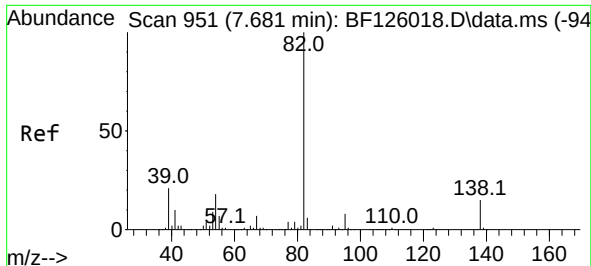
Tgt Ion:136 Resp: 614650
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 9.8 6.4 9.6#
68 4.9 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 99.840 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF126107.D
Acq: 10 Nov 2021 14:56

Tgt Ion: 82 Resp: 1301235
Ion Ratio Lower Upper
82 100
128 35.2 40.6 60.8#
54 58.5 49.6 74.4

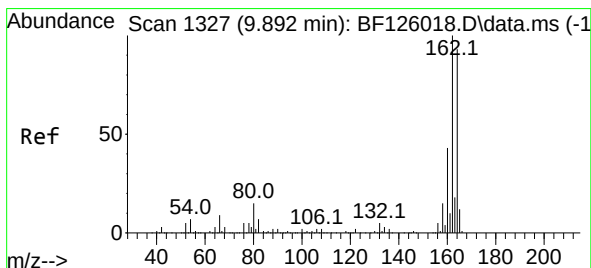
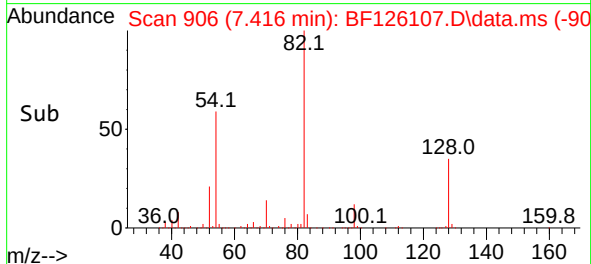
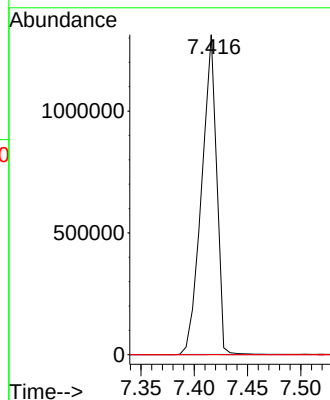
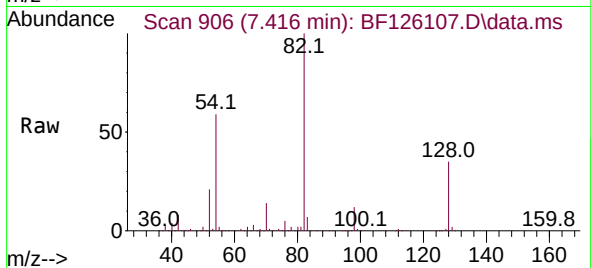




#25
Isophorone
Concen: 55.128 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126107.D
Acq: 10 Nov 2021 14:56

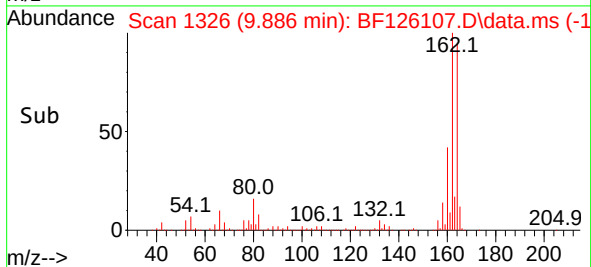
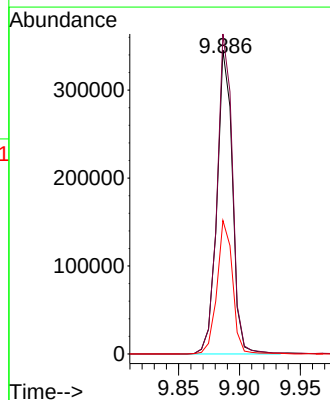
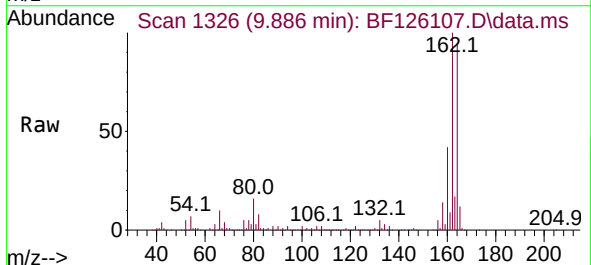
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ClientSampleId :
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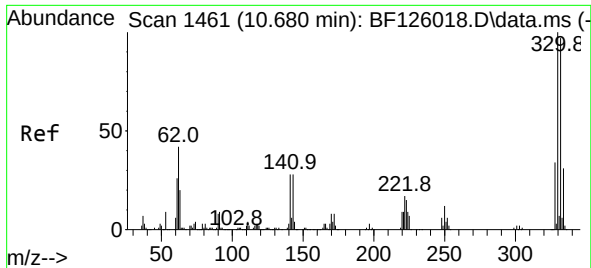
Tgt Ion: 82 Resp: 1293617
Ion Ratio Lower Upper
82 100
95 0.1 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126107.D
Acq: 10 Nov 2021 14:56

Tgt Ion: 164 Resp: 307108
Ion Ratio Lower Upper
164 100
162 105.2 81.3 121.9
160 43.9 38.0 57.0

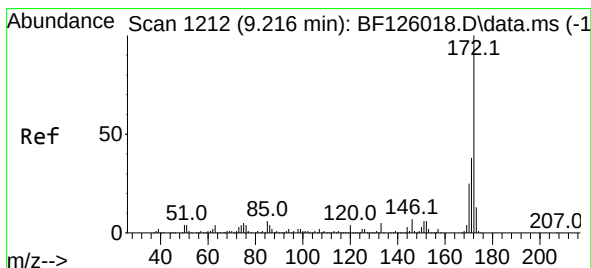
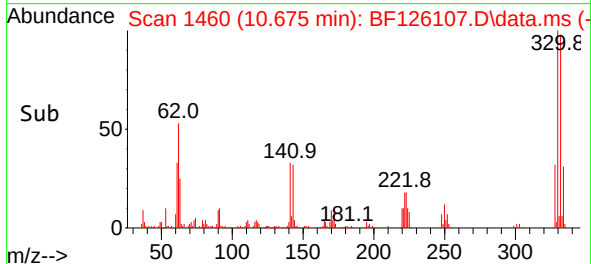
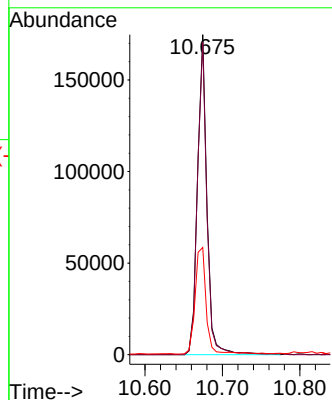
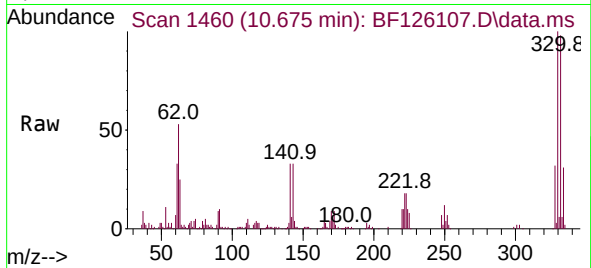




#42
2,4,6-Tribromophenol
Concen: 42.129 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF126107.D
Acq: 10 Nov 2021 14:56

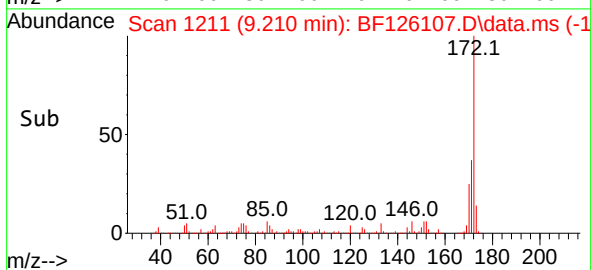
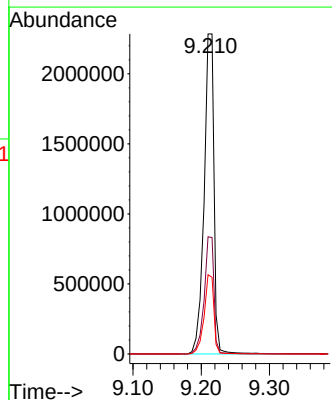
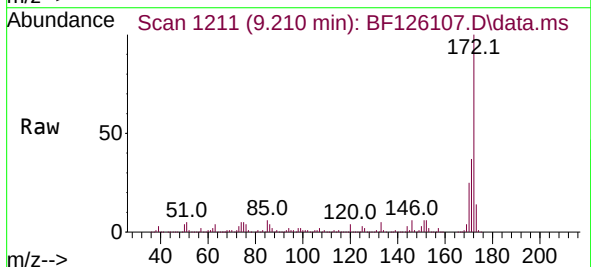
Instrument :
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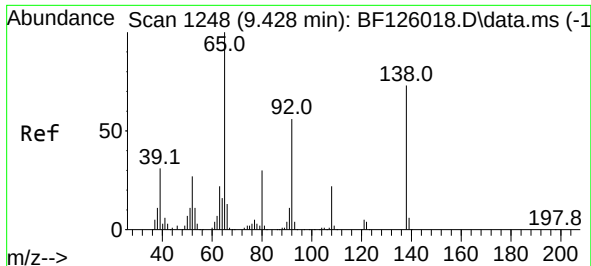
Tgt Ion:330 Resp: 148273
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 38.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 101.816 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126107.D
Acq: 10 Nov 2021 14:56

Tgt Ion:172 Resp: 2313849
Ion Ratio Lower Upper
172 100
171 36.6 26.5 39.7
170 24.7 18.8 28.2





#48

2-Nitroaniline

Concen: 3.006 ng

RT: 9.328 min Scan# 1

Delta R.T. -0.100 min

Lab File: BF126107.D

Acq: 10 Nov 2021 14:56

Instrument :

BNA_F

ClientSampleId :

CMC-ICS-001-002

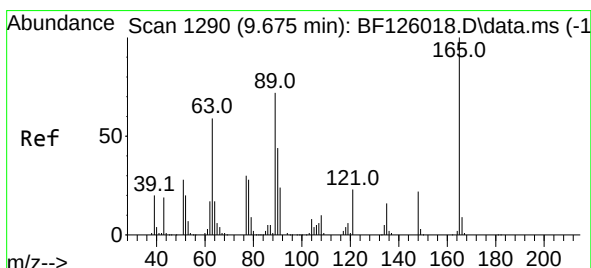
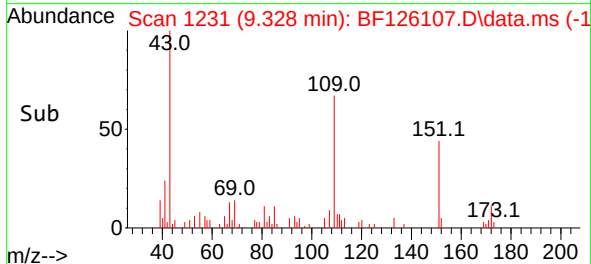
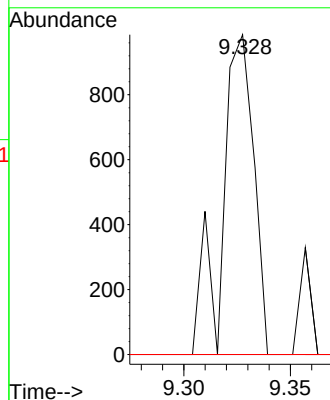
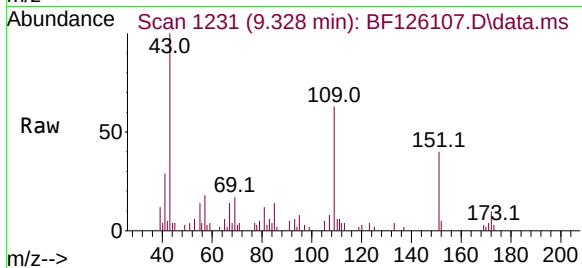
Tgt Ion: 65 Resp: 1018

Ion Ratio Lower Upper

65 100

92 0.0 55.5 83.3#

138 0.0 93.5 140.3#



#51

2,6-Dinitrotoluene

Concen: 10.351 ng

RT: 9.886 min Scan# 1326

Delta R.T. 0.211 min

Lab File: BF126107.D

Acq: 10 Nov 2021 14:56

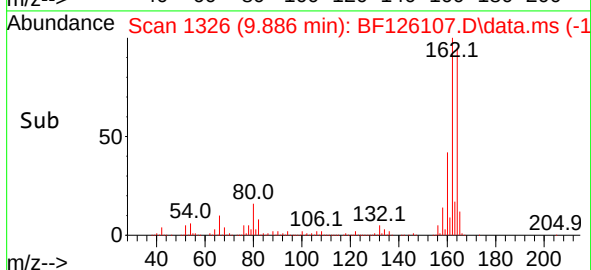
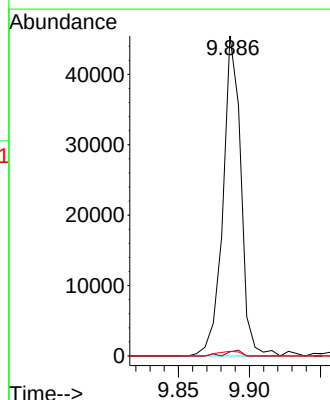
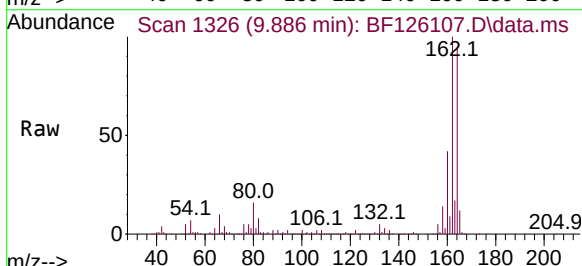
Tgt Ion: 165 Resp: 39671

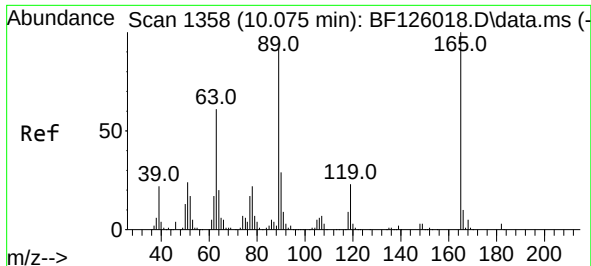
Ion Ratio Lower Upper

165 100

63 1.3 42.6 63.8#

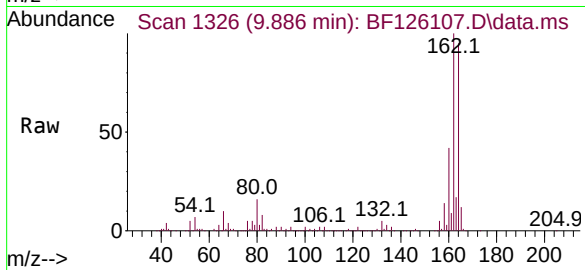
89 1.5 40.6 60.8#



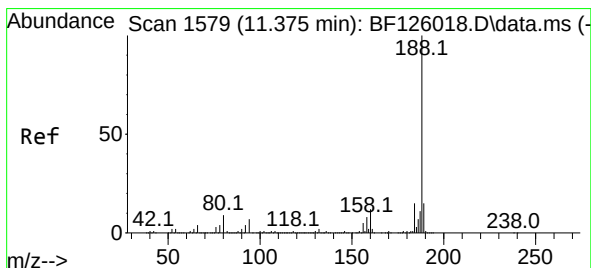
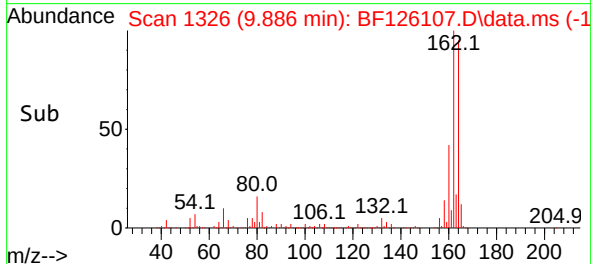
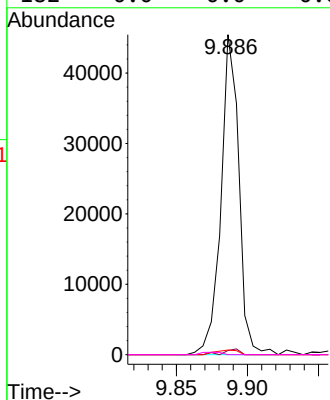


#57
2,4-Dinitrotoluene
Concen: 9.877 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.189 min
Lab File: BF126107.D
Acq: 10 Nov 2021 14:56

Instrument :
BNA_F
ClientSampleId :
CMC-ICS-001-002

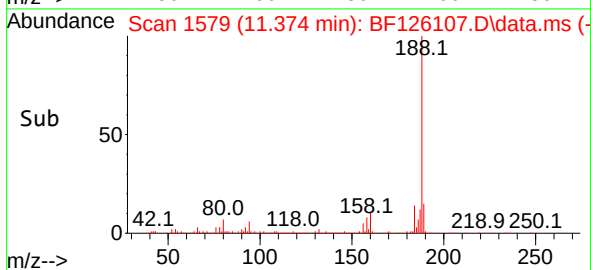
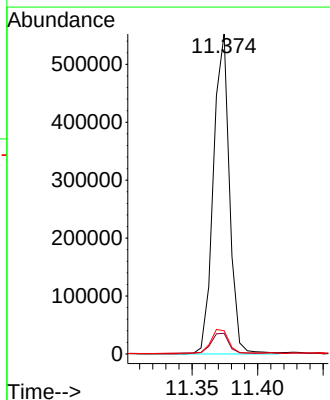
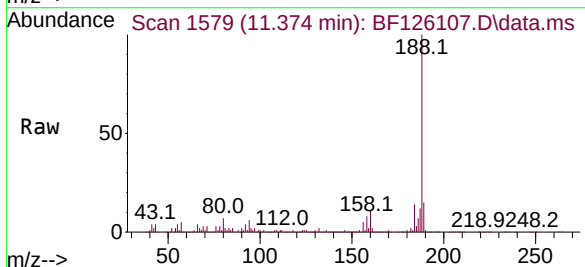


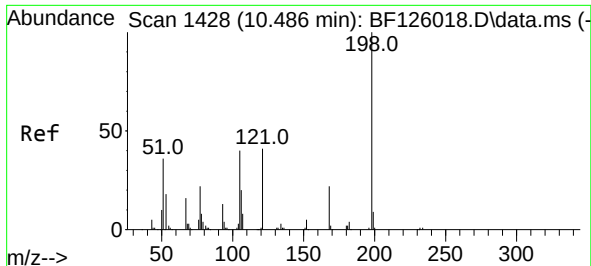
Tgt Ion:165 Resp: 39671
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.5 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.001 min
Lab File: BF126107.D
Acq: 10 Nov 2021 14:56

Tgt Ion:188 Resp: 470178
Ion Ratio Lower Upper
188 100
94 6.4 6.7 10.1#
80 7.2 7.5 11.3#

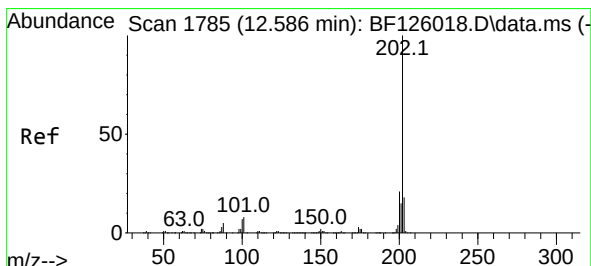
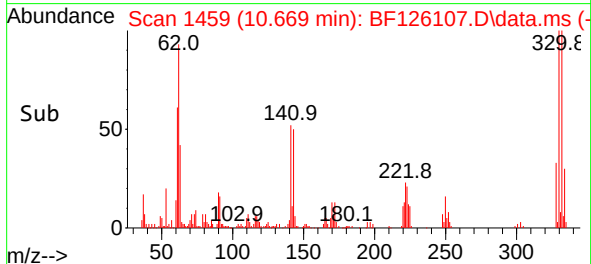
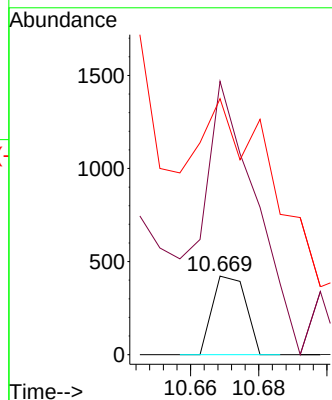
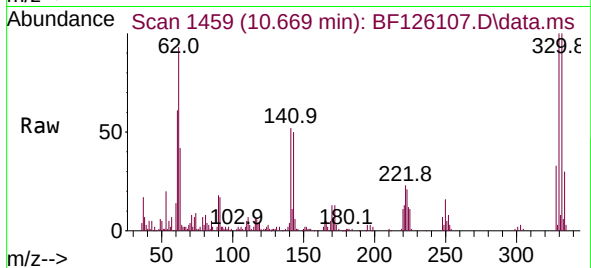




#65
4,6-Dinitro-2-methylphenol
Concen: 8.422 ng
RT: 10.669 min Scan# 1428
Delta R.T. 0.183 min
Lab File: BF126107.D
Acq: 10 Nov 2021 14:56

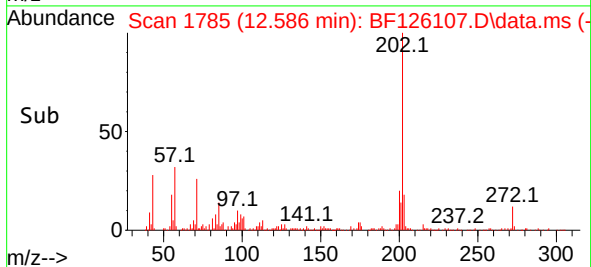
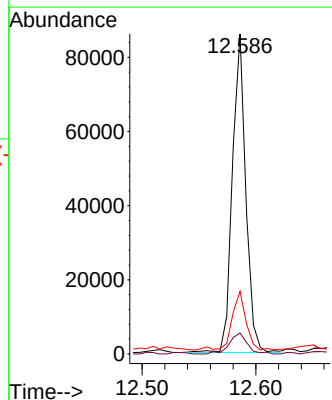
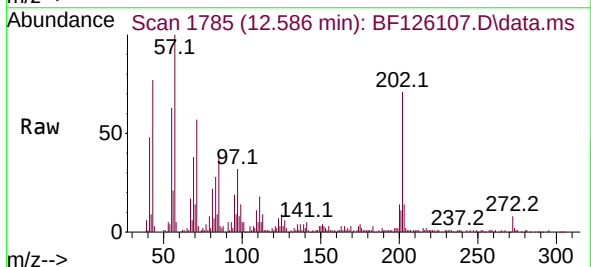
Instrument :
BNA_F
ClientSampleId :
CMC-ICS-001-002

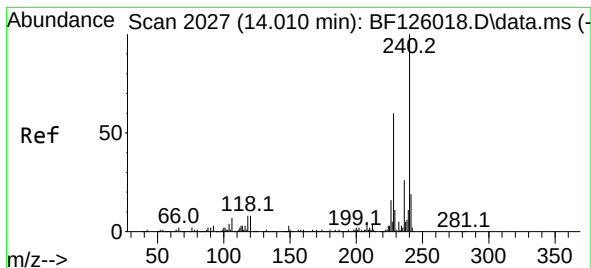
Tgt Ion:198 Resp: 288
Ion Ratio Lower Upper
198 100
51 347.9 45.3 85.3#
105 325.8 30.6 70.6#



#75
Fluoranthene
Concen: 2.488 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF126107.D
Acq: 10 Nov 2021 14:56

Tgt Ion:202 Resp: 70634
Ion Ratio Lower Upper
202 100
101 6.5 0.0 30.7
203 19.6 0.0 36.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 2027

Delta R.T. 0.005 min

Lab File: BF126107.D

Acq: 10 Nov 2021 14:56

Instrument :

BNA_F

ClientSampleId :

CMC-ICS-001-002

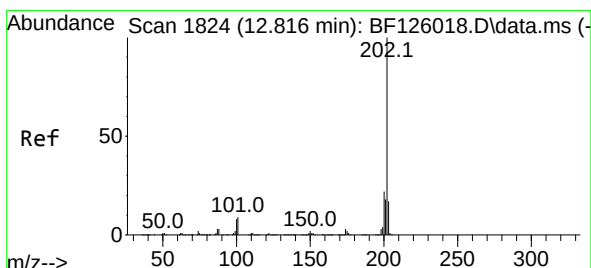
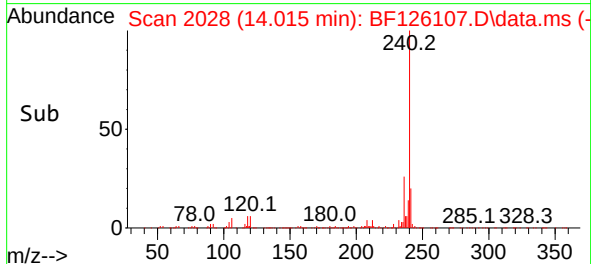
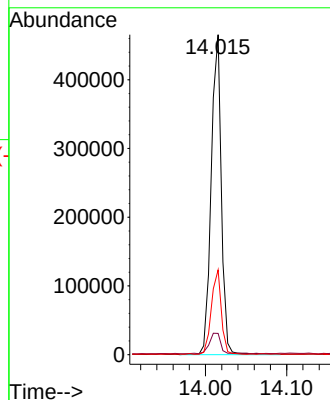
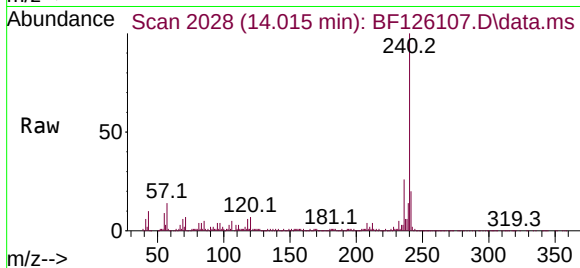
Tgt Ion:240 Resp: 402744

Ion Ratio Lower Upper

240 100

120 6.7 10.8 16.2#

236 26.5 21.6 32.4



#78

Pyrene

Concen: 2.349 ng

RT: 12.816 min Scan# 1824

Delta R.T. -0.000 min

Lab File: BF126107.D

Acq: 10 Nov 2021 14:56

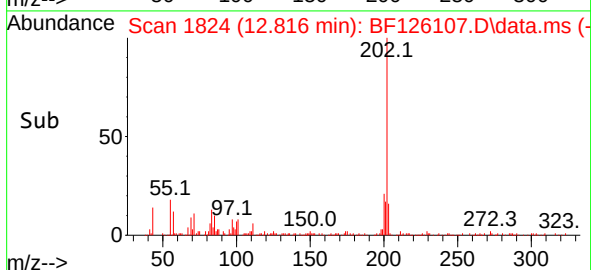
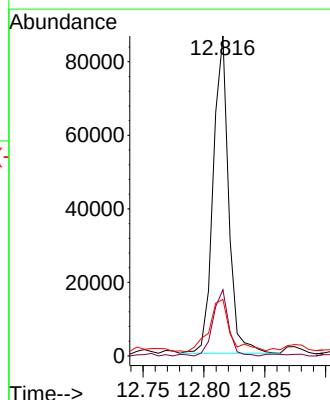
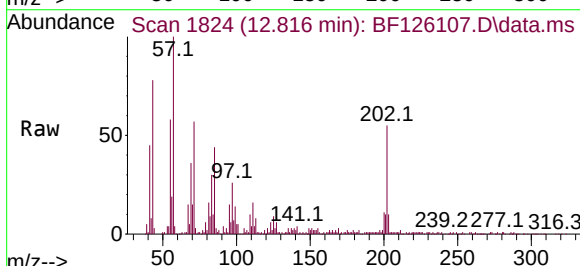
Tgt Ion:202 Resp: 75871

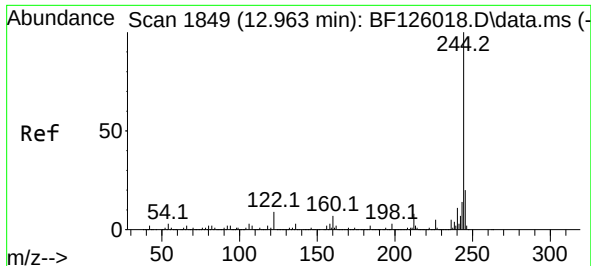
Ion Ratio Lower Upper

202 100

200 20.7 15.3 22.9

203 17.7 13.4 20.0

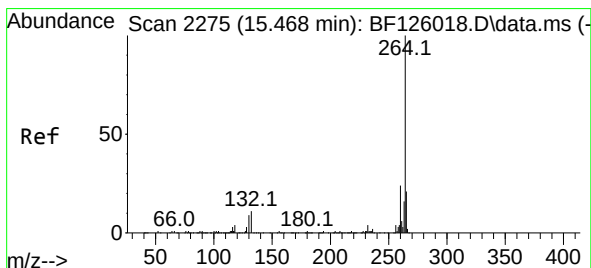
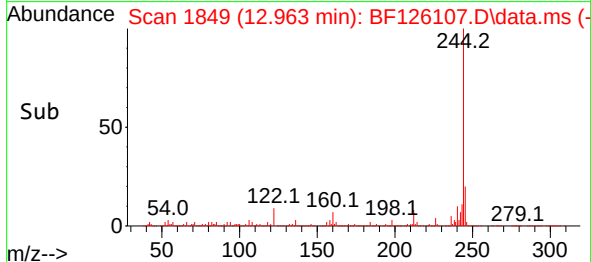
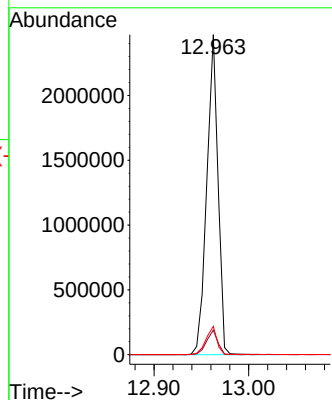
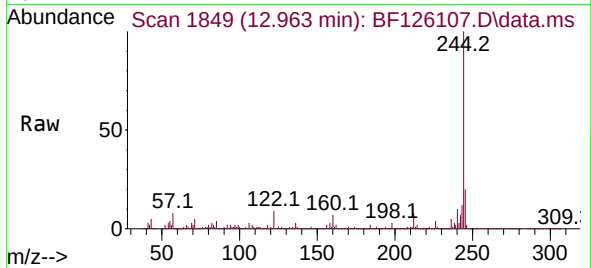




#79
 Terphenyl-d14
 Concen: 81.078 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: BF126107.D
 Acq: 10 Nov 2021 14:56

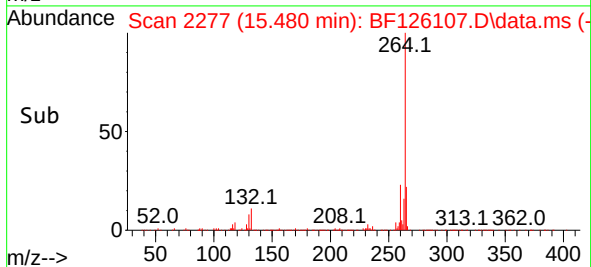
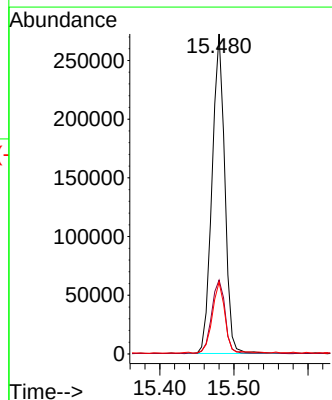
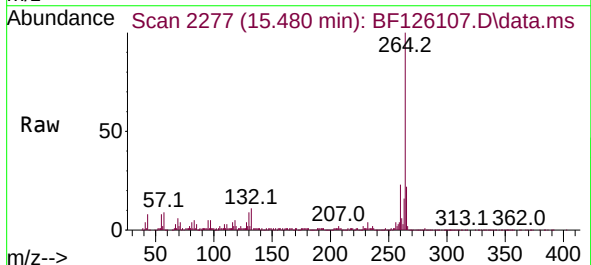
Instrument :
 BNA_F
 ClientSampleId :
 CMC-ICS-001-002

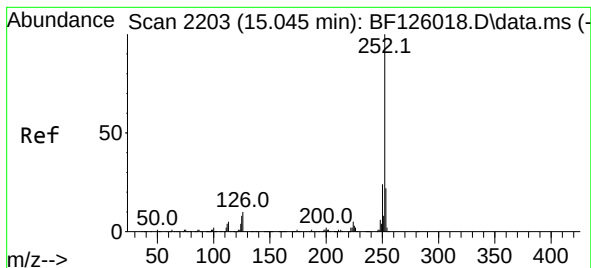
Tgt Ion:244 Resp: 2024968
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 8.9 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. 0.012 min
 Lab File: BF126107.D
 Acq: 10 Nov 2021 14:56

Tgt Ion:264 Resp: 324658
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.6 29.4
 265 22.4 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.295 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.006 min

Lab File: BF126107.D

Acq: 10 Nov 2021 14:56

Instrument :

BNA_F

ClientSampleId :

CMC-ICS-001-002

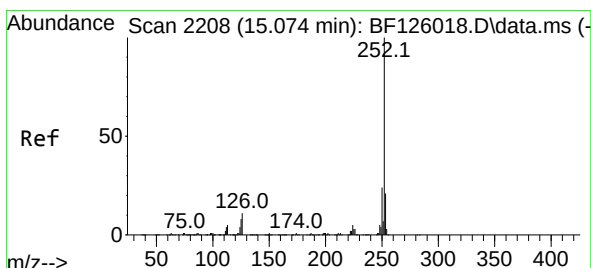
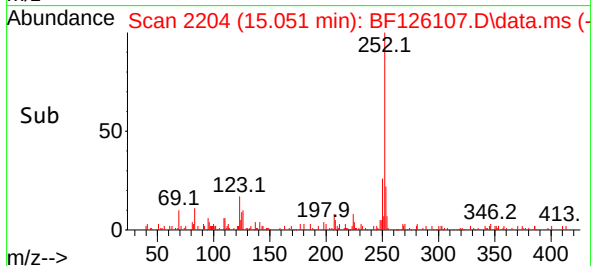
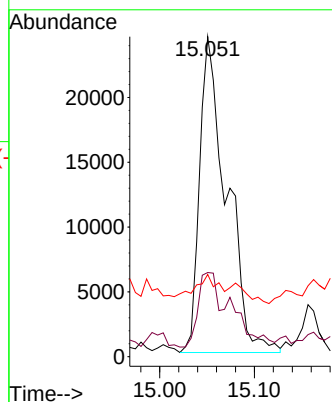
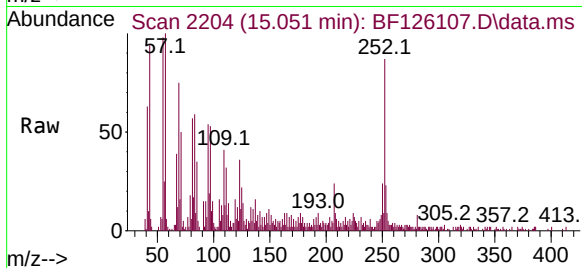
Tgt Ion:252 Resp: 48467

Ion Ratio Lower Upper

252 100

253 26.3 16.8 25.2#

125 25.7 9.8 14.8#



#89

Benzo(k)fluoranthene

Concen: 2.366 ng

RT: 15.051 min Scan# 2204

Delta R.T. -0.024 min

Lab File: BF126107.D

Acq: 10 Nov 2021 14:56

Tgt Ion:252 Resp: 48467

Ion Ratio Lower Upper

252 100

253 26.3 17.8 26.8

125 25.7 7.2 10.8#

